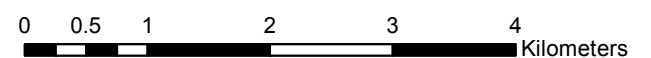


Legend

- Acacia ramulosa woodland
- Allocasuarina dielsiana open woodland
- Eucalyptus woodland
- Mixed shrubland
- Tenements

Figure 4-4: Fauna Habitat of the Project Area



5 DISCUSSION AND CONCLUSION

The Mt Mulgine Project is located within, and adjacent to, an area of the mid-west that has been subjected to extensive disturbance over the last 100 years from both mining and exploration. The Project area has been disturbed by diamond drilling for resource definition, historic drilling for exploration and more extensive clearing for ore extraction. In recent years Minjar Gold has mined extensively at Highland Chief, Bobby McGee, Camp and Southern Ocean; all of which surround Mt Mulgine to the north and west.

Past disturbance has had a concomitant impact on the flora, vegetation, fauna and fauna habitat values of the area and the local ecology is highly modified from its natural state. Nevertheless, there are still valuable habitats remaining and a number of these can be preserved by a well-considered mine design and layout. TGN provided Animal Plant Mineral with three site layout options prior to the undertaking of the biological survey and the final locations of infrastructure have since been selected following the current surveys, with consideration to those ecological values reducing the overall net environmental impact of the Project.

Database searches identified the potential for four PECs and one TEC listed under the WC Act to occur within 30 km of the Project area, however, no evidence of landforms or vegetation assemblages representing communities of conservation significance were found to be located in the project area during the field survey work.

The vegetation surveyed and mapped comprised 5 alliances and 10 communities which were described as follows:

- Alliance A - *Eucalyptus* sp. A1 open woodland on mixed *Acacia* shrubland, dominated by *Austrostipa scabra* and *Ptilotus obovatus*
- Alliance B - *Eucalyptus* sp. A woodland over mixed *Acacia* spp. including dominating *A. ramulosa* and *Eremophila* shrublands with *Eremophila clarkei*, *E. decipiens* and *E. oldfieldi*.
- Alliance C - *Acacia* shrublands dominated by *A. assimilis* and *A. ramulosa*, interspersed with combination of myrtaceous shrubs including *Melaleuca eleuterostachya* and *M. stereophloia*, and *Allocasuarina dielsiana*.
- Alliance D - *Acacia acuminata*, *Allocasuarina dielsiana* and *Melaleuca stereophloia* dominated woodlands over mixed *Acacia* spp.
- Alliance E - *Acacia latior* & *Allocasuarina campestris* dominated woodlands over *Gastrolobium laytonii*, *Melaleuca nematophylla* and *M. scalena* shrubs over *Eriachne* grasses.

Vegetation in the Project area has been disturbed historically through mining and exploration activities, however, where regrowth has occurred or remnant vegetation persists their condition is considered Very Good. No Threatened flora was found, but two Priority taxa listed under the WC Act were recorded within the quadrats sampled: *Drummondita fulva* (P1) and *Grevillea scabrida* (P3). *D. fulva* was found within the proposed development footprint but is a commonly recorded priority species in the area detected in a number of searches undertaken by Minjar in recent years. Further survey work to be undertaken following significant rainfall in Spring 2017 will comprise grid pattern foot transect surveys for conservation significant flora in areas that are proposed for clearing and infrastructure construction. Four weed species were recorded in the Project area and two invasive plant taxa listed as MNES were identified as likely to occur in the vicinity. However the latter two species and no Declared Pests or Weed of National Significance were found.

The broad fauna assemblages of the Project area are expected to be moderately diverse based on the quality of the vegetation and the diversity of habitats available. However, the focus of the present survey was on species of conservation significance.

Targeted saturation trapping of habitat likely to support the Western Spiny-tailed Skink failed to result in the capture of this species and no secondary evidence, such as latrines, were observed. Extensive foot transects across the site failed to reveal any active malleefowl mounds within the Project area and mounds previously reported as active in 2012 were inactive (no evidence of use in previous breeding seasons and mound has no structural integrity) when re-visited in 2016. The only evidence of the presence of malleefowl was the observation of one track near the abandoned air strip where the majority of the infrastructure is to be located. Intensive searching around the track failed to reveal any evidence of foraging or nesting.

Searches recorded a total of 24 active SBTS burrows in the Project area which calculates out to a density of 6.25 burrows per hectare in marginal habitat. In suitable habitat that has been identified on the current Project layout as a 'no disturbance area', burrow density was 14.3 burrows per hectare.

Fauna assemblages are closely aligned with available habitats. Soil types, as they relate to fauna, were highly variable due to, not only natural processes, but also historical disturbance where drilling and benching had resulted in large amount of overland accretion of loose soil as it moves downslope. A total of four fauna habitats were identified during the survey with variation at the highest level arising from the dichotomy of the overstorey vegetation: tall shrubland vs *Eucalyptus* woodland. The four fauna habitat types recorded were as follows:

- *Eucalyptus* open woodland on mixed shrubland over *Austrostipa variabilis* and/or *Austrostipa elegantissima* grassland over sandy loam soil;
- Mixed shrubland over *Austrostipa scabra* grassland over sandy loam soil;
- *Acacia ramulosa* and or *Acacia latiora* woodland over mixed shrubland over sandy loam soils and/or *Eriachne benthamii* grass with exposed aggregate; and
- *Allocasuarina dielsiana* and/or *Allocasuarina acutivalvis* subsp. *prinsepiana* open woodland over mixed shrubland, and in some cases *Eriachne pulchella* low open grassland over sandy loam soils with large coarse fragments.

The Mt Mulgine Project in the Murchison region of Western Australia comprises a relatively small Project impact footprint in an area of the mid-west that has been significantly disturbed over the last 100 years. Though the proposed new Project will result in the clearing of approximately 146.21 ha, this disturbance will not compromise regional flora, vegetation, fauna and fauna habitat values. Impacts to local fauna of conservation significance have been mitigated to a large extent via the designation of 'no disturbance' areas in habitats that are of specific value to the Shield-backed Trapdoor Spider and the Western Spiny-tailed Skink. Priority flora that have been located in the Project area will be mapped within and outside the proposed disturbance footprint in the Spring of 2017 and this mapping will make a significant contribution to the local knowledge of flora of conservation significance in the area. Fundamental environmental management practices such as fire, weed and feral fauna control that forms an integral part of the commencement of mining operations should improve habitat values and increase the integrity of the native flora and fauna populations on site.

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7 APPENDICES

Appendix 1: Conservation Codes for Western Australian Flora and Fauna

CONSERVATION CODES FOR WESTERN AUSTRALIAN FLORA AND FAUNA

Schedule 1 - Threatened (T)

Schedule 1 of the Wildlife Conservation (Specially Protected Fauna) Notice and Wildlife Conservation (Rare Flora) Notice under the *Wildlife Conservation Act 1950*.

- **Threatened Fauna** (Fauna that is rare or is likely to become extinct)
- **Threatened Flora** (Declared Rare Flora - Extant)

Taxa that have been adequately searched for and are deemed to be in the wild either rare, in danger of extinction, or otherwise in need of special protection, and have been gazetted as such.

Schedule 2 – Extinct (X)

Schedule 2 of the Wildlife Conservation (Specially Protected Fauna) Notice and Wildlife Conservation (Rare Flora) Notice under the *Wildlife Conservation Act 1950*.

- **Presumed Extinct Fauna**
- **Presumed Extinct Flora** (Declared Rare Flora – Extinct)

Taxa which have been adequately searched for and there is no reasonable doubt that the last individual has died, and have been gazetted as such.

Schedule 3 – International Agreement (IA)

Schedule 3 of the Wildlife Conservation (Specially Protected Fauna) Notice under the *Wildlife Conservation Act 1950*.

- **Birds protected under an international agreement**

Birds that are subject to an agreement between governments of Australia and Japan relating to the protection of migratory birds and birds in danger of extinction.

Schedule 4 – Other specially protected Fauna (S)

Schedule 4 of the Wildlife Conservation (Specially Protected Fauna) Notice under the *Wildlife Conservation Act 1950*.

- **Other specially protected fauna**

Fauna that is in need of special protection, otherwise than for the reasons mentioned in the above schedules.

Threatened fauna and flora (Schedule 1) are further ranked by the Department according to their level of threat using IUCN Red List criteria:

CR: Critically Endangered - considered to be facing an extremely high risk of extinction in the wild.

EN: Endangered - considered to be facing a very high risk of extinction in the wild.

VU: Vulnerable - considered to be facing a high risk of extinction in the wild.

1: Priority One: Poorly-known taxa

Taxa that are known from one or a few collections or sight records (generally less than five), all on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, Shire, Westrail and Main Roads WA road, gravel and soil reserves, and active mineral leases and under threat of habitat destruction or degradation. Taxa may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements and appear to be under immediate threat from known threatening processes.

2: Priority Two: Poorly-known taxa

Taxa that are known from one or a few collections or sight records, some of which are on lands not under imminent threat of habitat destruction or degradation, e.g. national parks, conservation parks, nature reserves, State forest, vacant Crown land, water reserves, etc. Taxa may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements and appear to be under threat from known threatening processes.

3: Priority Three: Poorly-known taxa

Taxa that are known from collections or sight records from several localities not under imminent threat, or from few but widespread localities with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat. Taxa may be included if they are comparatively well known from several localities but do not meet adequacy of survey requirements and known threatening processes exist that could affect them.

4: Priority Four: Rare, Near Threatened and other taxa in need of monitoring

(a) **Rare.** Taxa that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These taxa are usually represented on conservation lands.

(b) **Near Threatened.** Taxa that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable.

(c) Taxa that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.

5: Priority Five: Conservation Dependent taxa

Taxa that are not threatened but are subject to a specific conservation program, the cessation of which would result in the taxa becoming threatened within five years.

Appendix 2: EPBC Act Protected Matters Search



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 22/11/16 15:07:00

[Summary](#)

[Details](#)

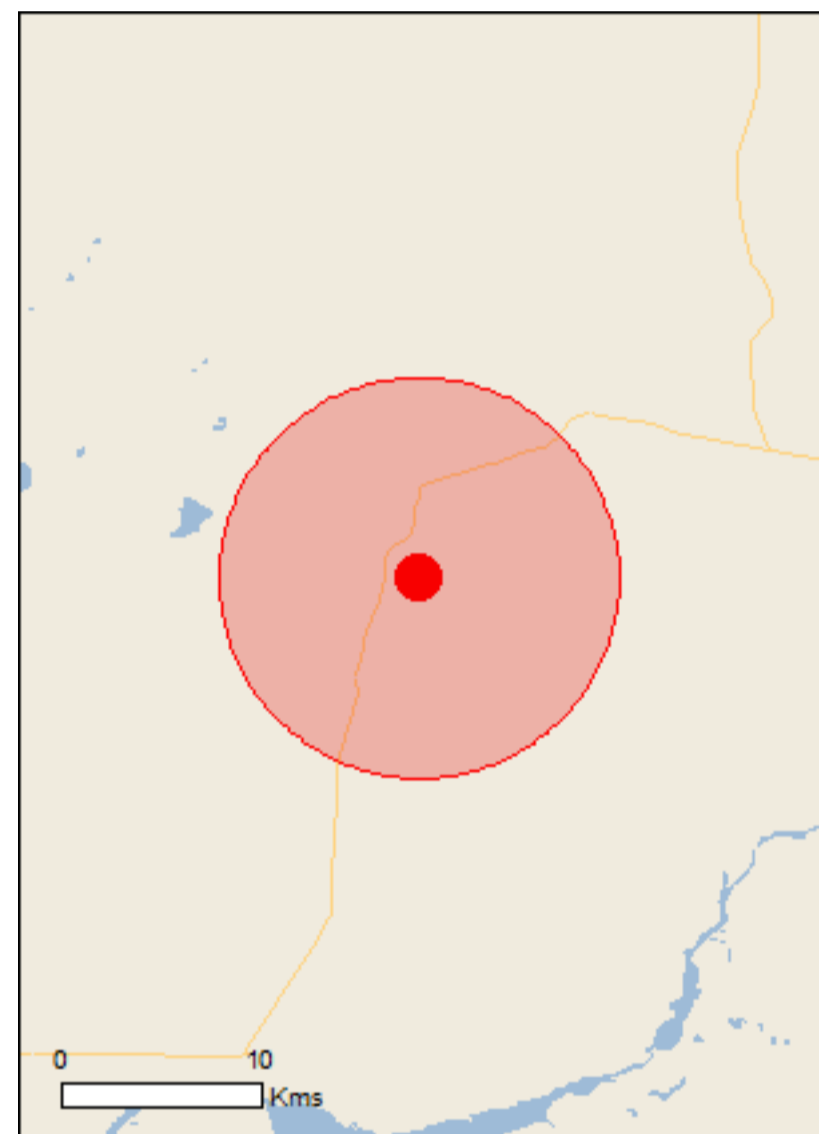
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2010

[Coordinates](#)

[Buffer: 10.0Km](#)



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	7
Listed Migratory Species:	3

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	7
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Commonwealth Reserves Marine:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

State and Territory Reserves:	2
Regional Forest Agreements:	None
Invasive Species:	7
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Listed Threatened Species		[Resource Information]
Name	Status	Type of Presence
Birds		
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat likely to occur within area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area
Other		
Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat known to occur within area
Plants		
Eremophila viscida Varnish Bush [2394]	Endangered	Species or species habitat may occur within area
Hybanthus cymulosus Ninghan Violet [2803]	Critically Endangered	Species or species habitat likely to occur within area
Reptiles		
Egernia stokesii badia Western Spiny-tailed Skink, Baudin Island Spiny-tailed Skink [64483]	Endangered	Species or species habitat likely to occur within area
Listed Migratory Species		[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Migratory Wetlands Species		
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within

Name	Threatened	Type of Presence area
------	------------	-----------------------

Other Matters Protected by the EPBC Act

Listed Marine Species [\[Resource Information \]](#)

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
------	------------	------------------

Birds

[Apus pacificus](#)

Fork-tailed Swift [678]

Species or species habitat likely to occur within area

[Ardea alba](#)

Great Egret, White Egret [59541]

Species or species habitat likely to occur within area

[Ardea ibis](#)

Cattle Egret [59542]

Species or species habitat may occur within area

[Calidris ferruginea](#)

Curlew Sandpiper [856]

Critically Endangered

Species or species habitat may occur within area

[Merops ornatus](#)

Rainbow Bee-eater [670]

Species or species habitat may occur within area

[Motacilla cinerea](#)

Grey Wagtail [642]

Species or species habitat may occur within area

[Rostratula benghalensis \(sensu lato\)](#)

Painted Snipe [889]

Endangered*

Species or species habitat may occur within area

Extra Information

State and Territory Reserves [\[Resource Information \]](#)

Name	State
Karara	WA
Warriedar Station Nature Reserve	WA

Invasive Species [\[Resource Information \]](#)

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resouces Audit, 2001.

Name	Status	Type of Presence
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Mammals

Capra hircus Goat [2]		Species or species habitat likely to occur within area
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Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
--	--	--

Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
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Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
--	--	--

Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
------------------------------------	--	--

Plants

Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213]		Species or species habitat may occur within area
---	--	--

Eichhornia crassipes Water Hyacinth, Water Orchid, Nile Lily [13466]		Species or species habitat likely to occur within area
---	--	--

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-29.17574 116.96848

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- [-Other groups and individuals](#)

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

Appendix 3: Naturemap Search

NATUREMAP SEARCH

Species Name	Naturalised	Conservation Code	Endemic To Query Area
Birds			
Acanthagenys rufogularis (Spiny-cheeked Honeyeater)			
Acanthiza apicalis (Broad-tailed Thornbill)			
Acanthiza chrysorrhoa (Yellow-rumped Thornbill)			
Acanthiza uropygialis (Chestnut-rumped Thornbill)			
Anthochaera carunculata (Red Wattlebird)			
Aphelocephala leucopsis (Southern Whiteface)			
Aquila audax (Wedge-tailed Eagle)			
Artamus cinereus (Black-faced Woodswallow)			
Artamus personatus (Masked Woodswallow)			
Barnardius zonarius			
Cacomantis pallidus (Pallid Cuckoo)			
Calyptorhynchus banksii (Red-tailed Black-Cockatoo)			
Certhionyx variegatus (Pied Honeyeater)			
Cinlosoma castanotus (Chestnut Quail-thrush)			
Colluricincla harmonica (Grey Shrike-thrush)			
Coracina novaehollandiae (Black-faced Cuckoo-shrike)			
Corvus bennetti (Little Crow)			
Corvus coronoides (Australian Raven)			
Corvus orru (Torresian Crow)			
Cracticus nigrogularis (Pied Butcherbird)			
Cracticus tibicen (Australian Magpie)			
Cracticus torquatus (Grey Butcherbird)			
Dromaius novaehollandiae (Emu)			
Eolophus roseicapillus			
Eurostopodus argus (Spotted Nightjar)			
Falco berigora (Brown Falcon)			
Falco cenchroides (Australian Kestrel)			
Falco peregrinus (Peregrine Falcon)		S	
Gallus gallus			
Gerygone fusca (Western Gerygone)			
Glossopsitta porphyrocephala (Purple-crowned Lorikeet)			
Hirundo neoxena (Welcome Swallow)			
Hirundo nigricans (Tree Martin)			
Lalage tricolor (White-winged Triller)			
Leipoa ocellata (Malleefowl)		T	
Lichmera indistincta (Brown Honeyeater)			
Malurus splendens (Splendid Fairy-wren)			
Manorina flavigula (Yellow-throated Miner)			

Species Name	Naturalised	Conservation Code	Endemic To Query Area
Merops ornatus (Rainbow Bee-eater)		IA	
Oreoica gutturalis (Crested Bellbird)			
Pachycephala pectoralis (Golden Whistler)			
Pachycephala rufiventris (Rufous Whistler)			
Petroica goodenovii (Red-capped Robin)			
Phaps chalcoptera (Common Bronzewing)			
Platycercus varius (Mulga Parrot)			
Platycercus zonarius (Australian Ringneck)			
Pomatostomus superciliosus (White-browed Babbler)			
Purnella albifrons (White-fronted Honeyeater)			
Pyrrholaemus brunneus (Redthroat)			
Rhipidura leucophrys (Willie Wagtail)			
Smicronis brevirostris (Weebill)			
Strepera versicolor (Grey Currawong)			
Taeniopygia guttata (Zebra Finch)			
Invertebrates			
Aname tepperi			
Anidiops villosus			
Cercophonius michaelsoni			
Idiosoma nigrum (Shield-backed Trapdoor Spider)		T	
Indolpium sp.			
Pilbarascutigera incola			
Wugigarra kalamai			
Mammals			
Capra hircus (Goat)	Y		
Macropus robustus (Euro)			
Macropus rufus (Red Kangaroo)			
Oryctolagus cuniculus (Rabbit)	Y		
Pseudantechinus woolleyae (Woolley's Pseudantechinus)			
Tachyglossus aculeatus (Short-beaked Echidna)			
Vulpes vulpes (Red Fox)	Y		
Reptiles			
Brachyurophis semifasciatus (Southern Shovel-nosed Snake)			
Ctenophorus reticulatus (Western Netted Dragon)			
Ctenophorus scutulatus (Lozenge-marked Dragon)			
Ctenotus uber (Spotted Ctenotus)			
Ctenotus uber subsp. uber (Spotted Ctenotus)			
Egernia depressa (Southern Pygmy Spiny-tailed Skink)			
Heteronotia binoei (Bynoe's Gecko)			
Lerista gerrardii			
Lerista kingi			

Species Name	Naturalised	Conservation Code	Endemic To Query Area
Menetia greyii			
Morethia butleri			
Pseudechis butleri (Spotted Mulga Snake)			
Simoselaps bertholdi (Jan's Banded Snake)			

Appendix 4: Atlas of Living Australia Database Search

ATLAS OF LIVING AUSTRALIA DATABASE SEARCH

Species Name	Common Name
Birds	
<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater
<i>Acanthiza apicalis</i>	
<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill
<i>Acanthiza uropygialis</i>	Chestnut-rumped Thornbill
<i>Anthochaera carunculata</i>	Red Wattlebird
<i>Aphelocephala leucopsis</i>	Southern Whiteface
<i>Aquila audax</i>	Eaglehawk
<i>Barnardius zonarius</i>	Australian Ringneck
<i>Cacomantis pallidus</i>	Pallid Cuckoo
<i>Calyptorhynchus banksii</i>	Red-tailed Black Cockatoo
<i>Certhionyx variegatus</i>	Pied Honeyeater
<i>Chalcites osculans</i>	Black-eared Cuckoo
<i>Cinclosoma marginatum</i>	
<i>Colluricincla harmonica</i>	Grey Shrike-thrush
<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike
<i>Corvus bennetti</i>	Little Crow
<i>Corvus coronoides</i>	
<i>Cracticus nigrogularis</i>	Pied Butcherbird
<i>Cracticus tibicen</i>	Australian Magpie
<i>Cracticus torquatus</i>	Grey Butcherbird
<i>Dicaeum hirundinaceum</i>	Mistletoebird
<i>Dromaius novaehollandiae</i>	Emu
<i>Eolophus roseicapillus</i>	Galah
<i>Eopsaltria griseogularis</i>	
<i>Gavicalis virescens</i>	Singing Honeyeater
<i>Gerygone fusca</i>	Western Gerygone
<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet
<i>Hirundo neoxena</i>	Welcome Swallow
<i>Hirundo neoxena</i>	Welcome Swallow
<i>Lichenostomus virescens</i>	Singing Honeyeater
<i>Lichmera indistincta</i>	Brown Honeyeater
<i>Malurus lamberti</i>	
<i>Malurus splendens</i>	Splendid Fairy-wren
<i>Manorina flavigula</i>	Yellow-throated Miner
<i>Melanodryas cucullata</i>	Hooded Robin
<i>Oreoica gutturalis</i>	Crested Bellbird
<i>Pachycephala pectoralis</i>	Golden Whistler
<i>Pachycephala rufiventris</i>	Rufous Whistler
<i>Pardalotus striatus</i>	Striated Pardalote
<i>Petroica goodenovii</i>	Red-capped Robin
<i>Phaps chalcoptera</i>	Common Bronzewing

Species Name	Common Name
<i>Phaps chalcoptera</i>	Common Bronzewing
<i>Pomatostomus superciliosus</i>	White-browed Babbler
<i>Psephotus varius</i>	Mulga Parrot
<i>Purnella albifrons</i>	White-fronted Honeyeater
<i>Pyrrholaemus brunneus</i>	Redthroat
<i>Rhipidura albiscapa</i>	
<i>Rhipidura leucophrys</i>	Willie Wagtail
<i>Smicrornis brevirostris</i>	Weebill
<i>Sugomel nigrum</i>	
<i>Taeniopygia guttata</i>	Zebra Finch
Invertebrates	
<i>Aganippe</i>	
<i>Aganippe castellum</i>	Tree-stem Trapdoor Spider
<i>Aname</i>	
<i>Aname tepperi</i>	
<i>Antichiropus</i>	
<i>Austrochthonius</i>	
<i>Austrohorus</i>	
<i>Beierolpium</i>	
Chernetidae	
Chthoniidae	
<i>Cormocephalus</i>	
<i>Gaius villosus</i>	
<i>Gastrocopta bannertonensis</i>	Bannerton Pupasnail
<i>Gastrocopta bannertonensis</i> cf.	Pupasnails
<i>Gastrocopta</i> sp.	Pupasnails
<i>Idiosoma</i>	
<i>Indolpium</i>	
<i>Lychas splendens</i>	
Mecistocephalidae	
Miturgidae	Racing Stripe Spiders
<i>Nostera</i>	
<i>Notsodipus</i>	
Olpidae	
<i>Pilbarascutigera incola</i>	
<i>Pupoides</i>	Pupasnails
Salticidae	Jumping Spiders
Segestriidae	
<i>Sinumelon</i> sp.	
Steatoda	
<i>Synsphyronus</i>	
<i>Tyrannochthonius</i>	
Urodacidae	

Species Name	Common Name
Urodacus	
Westralaoma aprica	
Westralaoma expicta cf.	
Wugigarra kalamai	
Mammals	
Tachyglossus aculeatus	Short-beaked Echidna
Reptiles	
Ctenophorus reticulatus	Western Netted Dragon
Ctenophorus scutulatus	Lozenge-marked Dragon
Ctenotus uber uber	Rich Ctenotus
Diporiphora amphiboluroides	Mulga Dragon
Lerista kingi	
Menetia greyii	Common Dwarf Skink
Morethia butleri	Woodland Morethia Skink

Appendix 5: Department of Parks and Wildlife Threatened and Priority Flora Database Search

**DEPARTMENT OF PARKS AND WILDLIFE THREATENED (DECLARED RARE) AND PRIORITY FLORA
DATABASE SEARCH**

Table 1: Threatened (Declared Rare) and Priority Flora Database

Taxon	Conservation Status	Gda94 Lat	Gda94 Long	Count Date
Acacia karina	1	-29.1942	116.9667	24/04/2007
Acacia karina	1	-29.1942	116.9723	17/07/2008
Acacia karina	1	-29.1943	116.9658	18/08/2013
Acacia karina	1	-29.1644	116.9631	19/09/2012
Acacia karina	1	-29.1929	117.018	18/08/2013
Acacia karina	1	-29.141	116.8879	20/06/2014
Acacia karina	1	-29.138	116.9012	29/06/2015
Acacia sulcaticaulis	1	-29.1778	116.9659	24/04/2007
Acacia sulcaticaulis	1	-29.1702	116.9657	11/12/2007
Acacia sulcaticaulis	1	-29.1799	116.9721	2/10/2007
Acacia woodmaniorum	T	-29.1369	116.9066	24/06/2004
Acacia woodmaniorum	T	-29.1408	116.8831	16/07/2004
Allocasuarina tessellata	1	-29.1138	116.9979	16/12/2010
Austrostipa blackii	3	-29.1534	116.9105	16/09/2005
Bossiaea sp. Jackson Range (G. Cockerton & S. McNee LCS 13614)	3	-29.1111	116.9996	13/07/2009
Calandrinia kalanniensis	2	-29.1876	116.944	14/11/2005
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1304	116.9987	17/07/1994
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1484	116.9687	17/03/2004
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1352	116.9849	1/10/2004
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.204	116.8714	24/09/2007
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1709	116.9709	29/07/2008
Chamelaucium sp. Yalgoo (Y. Chadwick 1816)	1	-29.164	116.9619	2/09/2003
Chamelaucium sp. Yalgoo (Y. Chadwick 1816)	1	-29.1039	117.0022	15/01/2004
Chamelaucium sp. Yalgoo (Y. Chadwick 1816)	1	-29.1498	116.9672	21/01/2004
Chamelaucium sp. Yalgoo (Y. Chadwick 1816)	1	-29.1644	116.9631	24/10/2012
Grevillea scabrida	1	-29.2018	116.9456	17/07/1994
Grevillea scabrida	1	-29.2055	116.9432	15/08/2013
Grevillea scabrida	1	-29.1312	116.9985	14/08/2013
Grevillea scabrida	1	-29.1312	116.9985	14/08/2013

Taxon	Conservation Status	Gda94 Lat	Gda94 Long	Count Date
<i>Grevillea scabrida</i>	1	-29.1644	116.9631	24/09/2012
<i>Grevillea scabrida</i>	1	-29.1609	116.962	13/08/2013
<i>Grevillea scabrida</i>	1	-29.1552	116.9763	18/08/2013
<i>Grevillea scabrida</i>	1	-29.1609	116.9795	18/08/2013
<i>Grevillea scabrida</i>	1	-29.2121	116.9408	15/08/2013
<i>Grevillea scabrida</i>	1	-29.2055	116.9432	15/08/2013
<i>Grevillea scabrida</i>	1	-29.195	116.9466	15/08/2013
<i>Grevillea subtiliflora</i>	3	-29.1641	116.9724	2/09/2003
<i>Grevillea subtiliflora</i>	3	-29.1699	116.9605	27/09/2004
<i>Grevillea subtiliflora</i>	3	-29.1419	116.969	28/09/2004
<i>Grevillea subtiliflora</i>	3	-29.1942	116.9667	24/04/2007
<i>Gunniopsis divisa</i>	3	-29.1379	116.8777	27/10/2005
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.1699	116.9605	27/09/2004
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.1609	116.9595	29/09/2004
<i>Micromyrtus acuta</i>	3	-29.1298	116.9057	17/09/2005
<i>Micromyrtus acuta</i>	3	-29.1809	116.9619	24/04/2007
<i>Micromyrtus acuta</i>	3	-29.2307	116.9867	29/07/2008
<i>Rhodanthe collina</i>	3	-29.1615	116.9586	2/09/2003
<i>Rhodanthe collina</i>	3	-29.1697	116.9578	27/09/2004
<i>Rhodanthe collina</i>	3	-29.1771	116.9722	28/09/2004
<i>Rhodanthe collina</i>	3	-29.1521	117.0203	1/10/2004
<i>Rhodanthe collina</i>	3	-29.1407	116.8834	27/10/2005
<i>Rhodanthe collina</i>	3	-29.1298	116.9057	17/09/2005
<i>Stenanthemum poecilum</i>	3	-29.1986	116.8761	16/11/2005
<i>Stenanthemum poecilum</i>	3	-29.1333	117.0167	22/11/1992
<i>Stenanthemum poecilum</i>	3	-29.1389	116.8992	21/10/2003
<i>Stenanthemum poecilum</i>	3	-29.1927	117.0072	25/04/2007
<i>Stenanthemum poecilum</i>	3	-29.1262	117.0096	31/08/2008
<i>Stylidium scintillans</i>	T	-29.1296	116.8849	7/09/2009
<i>Stylidium scintillans</i>	T	-29.13	116.9026	9/09/2009
<i>Stylidium scintillans</i>	T	-29.1284	116.9142	9/09/2009
<i>Stylidium scintillans</i>	T	-29.1198	116.9399	9/09/2009
<i>Stylidium scintillans</i>	T	-29.1084	116.97	9/09/2009
<i>Stylidium scintillans</i>	T	-29.1118	116.9905	10/09/2009
<i>Stylidium scintillans</i>	T	-29.1499	116.9388	11/09/2009
<i>Stylidium scintillans</i>	T	-29.1536	116.9413	9/09/2009
<i>Stylidium scintillans</i>	T	-29.1776	116.94	9/09/2009

Table 2: Western Australian Herbarium Specimen Database

Taxon	Conservation Code	GDA94 Lat	GDA94 Long
Acacia diallaga	1	-29.1566	117.0199
Acacia diallaga	1	-29.1746	117.0193
Acacia diallaga	1	-29.1445	117.0203
Acacia diallaga	1	-29.1043	117.0046
Acacia diallaga	1	-29.204	116.8717
Acacia diallaga	1	-29.1497	116.9689
Acacia diallaga	1	-29.204	116.8715
Acacia diallaga	1	-29.1551	116.9765
Acacia diallaga	1	-29.1057	116.9946
Acacia diallaga	1	-29.1438	116.9685
Acacia diallaga	1	-29.204	116.8715
Acacia diallaga	1	-29.204	116.8716
Acacia diallaga	1	-29.1793	117.0072
Acacia karina	1	-29.1578	117.0217
Acacia karina	1	-29.1578	117.0217
Acacia karina	1	-29.1566	117.0199
Acacia karina	1	-29.1438	117.0178
Acacia karina	1	-29.1746	117.0193
Acacia karina	1	-29.1441	116.9709
Acacia karina	1	-29.1942	116.9723
Acacia karina	1	-29.1986	116.8761
Acacia karina	1	-29.1375	116.8983
Acacia karina	1	-29.1396	116.9073
Acacia karina	1	-29.1927	116.973
Acacia karina	1	-29.1897	116.9015
Acacia karina	1	-29.1942	116.9667
Acacia karina	1	-29.2036	116.9442
Acacia sulcaticaulis	1	-29.18	116.9661
Acacia sulcaticaulis	1	-29.1702	116.9657
Acacia sulcaticaulis	1	-29.1701	116.966
Acacia sulcaticaulis	1	-29.1702	116.9657
Acacia sulcaticaulis	1	-29.1778	116.9659
Acacia sulcaticaulis	1	-29.1816	116.9757
Acacia sulcaticaulis	1	-29.1786	116.9736
Acacia sulcaticaulis	1	-29.1702	116.9657
Acacia sulcaticaulis	1	-29.184	116.9738
Acacia sulcaticaulis	1	-29.1829	116.9953
Acacia woodmaniorum	T	-29.1363	116.8958
Acacia woodmaniorum	T	-29.1365	116.9044
Acacia woodmaniorum	T	-29.1331	116.9091
Acacia woodmaniorum	T	-29.1369	116.9066

Taxon	Conservation Code	GDA94 Lat	GDA94 Long
Acacia woodmaniorum	T	-29.1405	116.8838
Acacia woodmaniorum	T	-29.1402	116.9093
Acacia woodmaniorum	T	-29.1392	116.9089
Acacia woodmaniorum	T	-29.1356	116.9015
Acacia woodmaniorum	T	-29.1392	116.9089
Acacia woodmaniorum	T	-29.1408	116.8831
Acacia woodmaniorum	T	-29.1363	116.9057
Allocauarina tessellata	1	-29.1664	116.9699
Allocauarina tessellata	1	-29.1578	117.0217
Allocauarina tessellata	1	-29.1441	116.9709
Allocauarina tessellata	1	-29.1438	117.0178
Allocauarina tessellata	1	-29.1566	117.0199
Allocauarina tessellata	1	-29.1445	117.0203
Allocauarina tessellata	1	-29.1138	116.9979
Austrostipa blackii	3	-29.1877	116.9271
Austrostipa blackii	3	-29.1445	117.0203
Austrostipa blackii	3	-29.1664	116.9699
Austrostipa blackii	3	-29.1566	117.0199
Austrostipa blackii	3	-29.1746	117.0193
Austrostipa blackii	3	-29.1651	117.0027
Austrostipa blackii	3	-29.1534	116.9105
Bossiaea sp. Jackson Range (G. Cockerton & S. McNee LCS 13614)	3	-29.1111	116.9996
Calandrinia kalanniensis	2	-29.1876	116.944
Calandrinia sp. Warriedar (F. Obbens 04/09)	2	-29.1193	116.9401
Calotis sp. Perrinvale Station (R.J. Cranfield 7096)	3	-29.1769	116.9403
Calotis sp. Perrinvale Station (R.J. Cranfield 7096)	3	-29.1516	116.9086
Calotis sp. Perrinvale Station (R.J. Cranfield 7096)	3	-29.1516	116.9123
Calotis sp. Perrinvale Station (R.J. Cranfield 7096)	3	-29.1397	116.8789
Calotis sp. Perrinvale Station (R.J. Cranfield 7096)	3	-29.135	116.8999
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.161	116.962
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1316	116.9987
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1056	116.9943
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1566	117.0199
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1441	116.9709

Taxon	Conservation Code	GDA94 Lat	GDA94 Long
1100)			
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1317	116.9972
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1304	116.9987
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1352	116.9849
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1833	116.9333
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.204	116.8714
Chamelaucium sp. Warriedar (A.P. Brown & S. Patrick APB 1100)	1	-29.1709	116.9709
Chamelaucium sp. Yalgoo (Y. Chadwick 1816)	1	-29.164	116.9619
Cyanicula fragrans	3	-29.1445	117.0203
Cyanicula fragrans	3	-29.1056	116.9943
Dicrastylis linearifolia	3	-29.2334	116.98
Dodonaea amplisemina	4	-29.1438	117.0178
Drummondita fulva	3	-29.1516	116.9123
Drummondita fulva	3	-29.1516	116.9086
Drummondita fulva	3	-29.1408	116.8831
Drummondita fulva	3	-29.1405	116.8838
Drummondita fulva	3	-29.1405	116.8838
Drummondita fulva	3	-29.1405	116.8838
Drummondita fulva	3	-29.1534	116.9105
Drummondita fulva	3	-29.1378	116.8786
Eremophila oldfieldii subsp. Karara (D. Coultas s.n. PERTH 07341717)	1	-29.2069	116.8844
Eremophila sp. Rothsay (D. Coultas & J. Kelt s.n. PERTH 08200440)	1	-29.2129	116.8759
Eremophila sp. Rothsay (D. Coultas & J. Kelt s.n. PERTH 08200440)	1	-29.2129	116.8759
Eremophila sp. Rothsay (D. Coultas & J. Kelt s.n. PERTH 08200440)	1	-29.2128	116.8758
Grevillea globosa	3	-29.158	116.903
Grevillea scabrida	1	-29.2056	116.8766
Grevillea scabrida	1	-29.1068	116.9943
Grevillea scabrida	1	-29.1056	116.9943
Grevillea scabrida	1	-29.1438	117.0178
Grevillea scabrida	1	-29.1626	117.0196
Grevillea scabrida	1	-29.1651	116.9717

Taxon	Conservation Code	GDA94 Lat	GDA94 Long
<i>Grevillea scabrida</i>	1	-29.1566	117.0199
<i>Grevillea scabrida</i>	1	-29.1879	116.9219
<i>Grevillea scabrida</i>	1	-29.1664	116.9699
<i>Grevillea scabrida</i>	1	-29.1899	116.9525
<i>Grevillea scabrida</i>	1	-29.1874	116.8758
<i>Grevillea scabrida</i>	1	-29.1532	116.9667
<i>Grevillea scabrida</i>	1	-29.1317	116.9972
<i>Grevillea scabrida</i>	1	-29.2018	116.9456
<i>Grevillea subtiliflora</i>	3	-29.1458	116.9679
<i>Grevillea subtiliflora</i>	3	-29.1441	116.9709
<i>Grevillea subtiliflora</i>	3	-29.1651	116.9717
<i>Grevillea subtiliflora</i>	3	-29.1651	116.9717
<i>Grevillea subtiliflora</i>	3	-29.1664	116.9699
<i>Grevillea subtiliflora</i>	3	-29.1651	116.9717
<i>Grevillea subtiliflora</i>	3	-29.1438	117.0178
<i>Grevillea subtiliflora</i>	3	-29.1068	116.9943
<i>Grevillea subtiliflora</i>	3	-29.17	116.9605
<i>Grevillea subtiliflora</i>	3	-29.17	116.9606
<i>Grevillea subtiliflora</i>	3	-29.1419	116.969
<i>Grevillea subtiliflora</i>	3	-29.1942	116.9667
<i>Gunniopsis divisa</i>	3	-29.1379	116.8777
<i>Gunniopsis divisa</i>	3	-29.1646	116.8897
<i>Gunniopsis divisa</i>	3	-29.1661	116.8778
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.1068	116.9943
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.1664	116.9699
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.1566	117.0199
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.1056	116.9943
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.1445	117.0203
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.161	116.9595
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.17	116.9605
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.17	116.9606
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.1267	117.0114
<i>Hydrocotyle</i> sp. Warriedar (P.G. Wilson 12267)	1	-29.15	116.9833
<i>Lepidosperma</i> sp. Blue Hills (A. Markey & S. Dillon 3468)	1	-29.1691	117.0192
<i>Lepidosperma</i> sp. Blue Hills (A. Markey & S. Dillon 3468)	1	-29.1365	116.9011
<i>Lepidosperma</i> sp. Blue Hills (A. Markey & S. Dillon 3468)	1	-29.1361	116.8964
<i>Micromyrtus acuta</i>	3	-29.1877	116.9271

Taxon	Conservation Code	GDA94 Lat	GDA94 Long
Micromyrtus acuta	3	-29.1298	116.9057
Micromyrtus acuta	3	-29.1809	116.9619
Micromyrtus acuta	3	-29.2307	116.9867
Micromyrtus trudgenii	3	-29.1566	117.0199
Micromyrtus trudgenii	3	-29.1445	117.0203
Micromyrtus trudgenii	3	-29.1441	116.9709
Micromyrtus trudgenii	3	-29.1438	117.0178
Micromyrtus trudgenii	3	-29.1578	117.0217
Micromyrtus trudgenii	3	-29.1667	116.9833
Micromyrtus trudgenii	3	-29.1419	116.969
Micromyrtus trudgenii	3	-29.1087	116.9706
Micromyrtus trudgenii	3	-29.1833	116.9333
Micromyrtus trudgenii	3	-29.1534	116.9105
Micromyrtus trudgenii	3	-29.1392	116.9087
Micromyrtus trudgenii	3	-29.1685	117.016
Micromyrtus trudgenii	3	-29.1447	116.9583
Micromyrtus trudgenii	3	-29.1413	116.8836
Micromyrtus trudgenii	3	-29.108	116.9753
Millotia dimorpha	1	-29.204	116.8734
Persoonia pentasticha	3	-29.1879	116.9219
Persoonia pentasticha	3	-29.17	116.9605
Persoonia pentasticha	3	-29.1619	116.9087
Persoonia pentasticha	3	-29.189	116.9426
Persoonia pentasticha	3	-29.1404	116.8896
Polianthion collinum	3	-29.1391	116.8993
Polianthion collinum	3	-29.1297	116.9022
Polianthion collinum	3	-29.1331	116.9059
Polianthion collinum	3	-29.1611	116.9123
Polianthion collinum	3	-29.1534	116.9105
Polianthion collinum	3	-29.1517	116.914
Polianthion collinum	3	-29.1298	116.9057
Polianthion collinum	3	-29.1386	116.9038
Prostanthera sp. Karara (D. Coultas & K. Greenacre Opp 8)	1	-29.1878	116.9396
Prostanthera sp. Karara (D. Coultas & K. Greenacre Opp 8)	1	-29.1892	116.9332
Rhodanthe collina	3	-29.1068	116.9943
Rhodanthe collina	3	-29.1877	116.9271
Rhodanthe collina	3	-29.1879	116.9219
Rhodanthe collina	3	-29.1771	116.9722
Rhodanthe collina	3	-29.152	117.0203
Rhodanthe collina	3	-29.1407	116.8834
Rhodanthe collina	3	-29.1697	116.9578
Rhodanthe collina	3	-29.1615	116.9586

Taxon	Conservation Code	GDA94 Lat	GDA94 Long
Rhodanthe collina	3	-29.1298	116.9057
Rhodanthe collina	3	-29.1345	116.8822
Rhodanthe collina	3	-29.1405	116.8838
Stenanthemum poecilum	3	-29.1455	117.0226
Stenanthemum poecilum	3	-29.1333	117.0167
Stenanthemum poecilum	3	-29.1986	116.8761
Stenanthemum poecilum	3	-29.1927	117.0072
Stenanthemum poecilum	3	-29.1262	117.0096
Stenanthemum poecilum	3	-29.1986	116.8761
Styloidium scintillans	T	-29.1287	116.9143
Styloidium scintillans	T	-29.1303	116.9024
Styloidium scintillans	T	-29.1118	116.9905
Styloidium scintillans	T	-29.1499	116.9388
Styloidium scintillans	T	-29.1296	116.8849
Styloidium scintillans	T	-29.1198	116.9399
Styloidium scintillans	T	-29.1293	116.8846
Styloidium scintillans	T	-29.1285	116.9142
Styloidium scintillans	T	-29.1084	116.97
Styloidium scintillans	T	-29.13	116.9026
Styloidium scintillans	T	-29.1284	116.9142
Xanthoparmelia dayiana	3	-29.1833	116.9333

Appendix 6: Department of Parks and Wildlife Threatened and Priority Fauna Database Search

DEPARTMENT OF PARKS AND WILDLIFE FAUNA DATABASE SEARCH

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Merops ornatus	rainbow bee-eater	IA	-29.4217	116.7739	2004
Merops ornatus	rainbow bee-eater	IA	-29.3383	116.7461	2004
Merops ornatus	rainbow bee-eater	IA	-29.1833	116.7	2004
Leipoa ocellata	malleefowl	VU	-29.1267	117.1331	2005
Leipoa ocellata	malleefowl	VU	-29.1833	116.7	2004
Leipoa ocellata	malleefowl	VU	-29.1733	116.7667	2004
Leipoa ocellata	malleefowl	VU	-29.1833	116.675	2004
Leipoa ocellata	malleefowl	VU	-29.0654	116.7209	2001
Egernia stokesii badia	western spiny-tailed skink	VU	-28.9591	116.9625	2013
Egernia stokesii badia	western spiny-tailed skink	VU	-29.12	116.879	2013
Egernia stokesii badia	western spiny-tailed skink	VU	-29.12	116.8799	2013
Egernia stokesii badia	western spiny-tailed skink	VU	-29.0333	116.8624	2012
Egernia stokesii badia	western spiny-tailed skink	VU	-29.0331	116.8626	2012
Merops ornatus	rainbow bee-eater	IA	-29.1444	116.9542	2012
Leipoa ocellata	malleefowl	VU	-29.1562	116.8333	2014
Leipoa ocellata	malleefowl	VU	-29.1969	116.7709	2014
Leipoa ocellata	malleefowl	VU	-29.099	116.9345	2014
Leipoa ocellata	malleefowl	VU	-28.9337	116.9178	2014
Leipoa ocellata	malleefowl	VU	-28.9591	116.9625	2013
Leipoa ocellata	malleefowl	VU	-28.8637	116.9386	2012
Leipoa ocellata	malleefowl	VU	-29.1444	116.9573	2012
Leipoa ocellata	malleefowl	VU	-29.0286	116.8676	2012
Leipoa ocellata	malleefowl	VU	-29.0532	116.8746	2012
Leipoa ocellata	malleefowl	VU	-29.1852	116.7685	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1485	116.8321	2015
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8864	116.9467	2015
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9151	116.9262	2015
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9902	116.8894	2015
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.135	116.9261	2015
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0302	116.8718	2015
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1522	116.816	2015
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1849	116.7778	2015
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1387	116.8646	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1485	116.8321	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1236	116.8848	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1326	116.8336	2014

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1076	116.9007	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9902	116.8894	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1522	116.816	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1849	116.7778	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1447	116.8262	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1417	116.8344	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.13	116.8502	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1304	116.8487	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1181	116.8669	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1183	116.8659	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0743	116.8379	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0748	116.8364	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0977	116.9334	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0971	116.9324	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9374	116.9169	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0734	116.8381	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0748	116.8365	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0971	116.9328	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9357	116.9173	2014
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1768	116.9716	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9941	116.9646	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8665	116.9402	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1942	116.9652	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1727	116.9734	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8829	116.9383	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8638	116.9402	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1738	116.9751	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8843	116.9441	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1882	116.9518	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.177	116.9737	2013

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8845	116.942	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8656	116.9403	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1725	116.9736	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1768	116.9705	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9923	116.9642	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9932	116.9644	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1891	116.9515	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1732	116.9743	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8829	116.9353	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1916	116.9702	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.995	116.9649	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8829	116.9363	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8862	116.9368	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8676	116.9403	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8685	116.9403	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1132	116.9518	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1257	116.8816	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1832	116.7725	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1756	116.7939	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.033	116.8707	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1295	116.9824	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1373	116.9579	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9159	116.9498	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9088	116.9278	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0248	116.8708	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1289	116.8986	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9546	116.9272	2013
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8637	116.9386	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8987	116.9339	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0427	116.8651	2012

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1444	116.9573	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0286	116.8676	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0456	116.8695	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0359	116.8686	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0456	116.8775	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0466	116.8789	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0457	116.862	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0388	116.8666	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0444	116.8679	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0323	116.8707	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0434	116.8831	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.045	116.8687	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0264	116.8759	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0347	116.8657	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0429	116.8654	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0465	116.8626	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0312	116.8679	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.032	116.8698	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0427	116.8824	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0402	116.8692	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0273	116.8755	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0275	116.8749	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0313	116.8726	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0506	116.8623	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0436	116.8668	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0313	116.8726	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0302	116.8662	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0316	116.8688	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.035	116.8668	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0355	116.8676	2012

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0361	116.8695	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0372	116.8648	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0461	116.878	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0395	116.8681	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0383	116.8657	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1444	116.9542	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9954	116.8941	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9632	116.9088	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9173	116.928	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9039	116.9308	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.138	116.8863	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1419	116.8643	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1439	116.8793	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1257	116.8816	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1832	116.7725	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9039	116.9273	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1946	116.9571	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0048	116.9366	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1274	116.9235	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.9903	116.9005	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1355	116.8804	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1354	116.8807	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1351	116.8809	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1352	116.8808	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1353	116.8802	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1352	116.8802	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1352	116.8801	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1352	116.88	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1409	116.8849	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1433	116.8841	0

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1439	116.8846	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1364	116.8984	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1358	116.8958	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1359	116.8956	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1357	116.8813	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1356	116.8806	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1355	116.8802	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1355	116.8801	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1354	116.8798	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1355	116.8806	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1355	116.8807	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.135	116.8808	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1411	116.8851	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1437	116.8843	0
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1469	116.8119	2011
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1832	116.7725	2011
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1461	116.8297	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1542	116.908	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1296	116.8784	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1814	116.7827	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0998	116.6636	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0139	116.9174	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-28.8934	116.9349	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1749	116.7789	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1903	116.7747	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1912	116.7747	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1894	116.7737	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.174	116.7717	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1794	116.7717	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1731	116.7707	2010

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1758	116.7707	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1731	116.7696	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.174	116.7696	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1767	116.7696	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1758	116.7686	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1767	116.7686	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1776	116.7686	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1803	116.7686	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1812	116.7686	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1822	116.7686	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1831	116.7686	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.184	116.7686	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1758	116.7676	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1767	116.7676	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1776	116.7676	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1912	116.7675	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1921	116.7675	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1776	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1785	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1794	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1803	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1812	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1821	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1831	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.184	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1849	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1912	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1921	116.7665	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1803	116.7655	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1812	116.7655	2010

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1821	116.7655	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.183	116.7655	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.184	116.7655	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1849	116.7655	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1912	116.7655	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1921	116.7655	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1812	116.7645	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1821	116.7645	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1867	116.7645	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1876	116.7645	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1912	116.7645	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1921	116.7645	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.193	116.7644	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1939	116.7644	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1867	116.7634	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1876	116.7634	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1885	116.7634	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1894	116.7634	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1903	116.7634	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1912	116.7634	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1921	116.7634	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.193	116.7634	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1876	116.7624	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1885	116.7624	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1894	116.7624	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1903	116.7624	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1903	116.7624	2010
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1912	116.7624	2010
Falco peregrinus	peregrine falcon	OS	-28.9173	116.928	2012
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1806	116.7789	2008

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1353	116.88	2011
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1439	116.8844	2011
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1439	116.8844	2011
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1783	116.6922	2010
Leipoa ocellata	malleefowl	VU	-29.1	117	0
Cyclodomorphus branchialis		VU	-29.3833	116.7667	1900
Egernia stokesii badia	western spiny-tailed skink	VU	-29.3	116.9	1900
Egernia stokesii badia	western spiny-tailed skink	VU	-29.3	116.9	1900
Egernia stokesii badia	western spiny-tailed skink	VU	-29.3622	116.89	1998
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.0364	116.8689	2016
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1763	116.7859	2016
Cyclodomorphus branchialis		VU	-29.3833	116.7667	2003
Egernia stokesii badia	western spiny-tailed skink	VU	-29.126	116.8154	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.1314	116.8138	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.1639	116.7841	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.1743	116.7503	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.1755	116.751	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.1765	116.7506	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.1768	116.7506	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.1772	116.7501	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.181	116.8373	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.209	116.837	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.2136	116.7711	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.22	116.78	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.2205	116.7802	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.2241	116.7832	2009
Egernia stokesii badia	western spiny-tailed skink	VU	-29.2988	116.8681	1998
Egernia stokesii badia	western spiny-tailed skink	VU	-29.2988	116.9014	1967
Egernia stokesii badia	western spiny-tailed skink	VU	-29.2988	116.9014	1967
Egernia stokesii badia	western spiny-tailed skink	VU	-29.3621	116.7872	1998
Egernia stokesii badia	western spiny-tailed skink	VU	-29.4331	116.9737	1999
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1723	116.7792	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1724	116.7769	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1724	116.7746	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1725	116.7762	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.173	116.7822	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1733	116.7828	2008

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1736	116.7834	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.174	116.7844	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1742	116.7849	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1748	116.7861	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1753	116.7865	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1758	116.7751	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1769	116.7763	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1773	116.7768	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1777	116.7772	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1779	116.7777	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1788	116.7808	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1791	116.7811	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1796	116.7815	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1802	116.7813	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.181	116.7717	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1823	116.7731	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1826	116.7733	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1831	116.7741	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1836	116.7765	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1837	116.7782	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1837	116.7759	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1837	116.7788	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1839	116.777	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1884	116.7715	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1887	116.7711	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1887	116.7688	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1888	116.7694	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1888	116.7683	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1889	116.7707	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.19	116.7724	2008

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1901	116.772	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1903	116.7715	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1905	116.7711	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1907	116.7707	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1911	116.7703	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1913	116.7698	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.192	116.7744	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1924	116.7741	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.193	116.7739	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1935	116.7738	2008
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.1987	116.7055	2006
Idiosoma nigrum	shield-backed trapdoor spider	VU	-29.2	116.7	2007
Leipoa ocellata	malleefowl	VU	-29.148	116.8353	2013
Leipoa ocellata	malleefowl	VU	-29.1593	116.7913	2013
Leipoa ocellata	malleefowl	VU	-29.1625	116.7814	2012
Leipoa ocellata	malleefowl	VU	-29.1682	116.7942	2008
Leipoa ocellata	malleefowl	VU	-29.1686	116.757	2008
Leipoa ocellata	malleefowl	VU	-29.169	116.7565	2008
Leipoa ocellata	malleefowl	VU	-29.169	116.7916	2008
Leipoa ocellata	malleefowl	VU	-29.1691	116.7987	2008
Leipoa ocellata	malleefowl	VU	-29.1692	116.7957	2008
Leipoa ocellata	malleefowl	VU	-29.1695	116.7632	2008
Leipoa ocellata	malleefowl	VU	-29.1695	116.7633	2008
Leipoa ocellata	malleefowl	VU	-29.1696	116.7719	2008
Leipoa ocellata	malleefowl	VU	-29.1697	116.7934	2008
Leipoa ocellata	malleefowl	VU	-29.1697	116.7448	2008
Leipoa ocellata	malleefowl	VU	-29.17	116.7706	2008
Leipoa ocellata	malleefowl	VU	-29.1701	116.7798	2008
Leipoa ocellata	malleefowl	VU	-29.1702	116.772	2008
Leipoa ocellata	malleefowl	VU	-29.1703	116.786	2008
Leipoa ocellata	malleefowl	VU	-29.1704	116.7846	2008
Leipoa ocellata	malleefowl	VU	-29.1709	116.7436	2008
Leipoa ocellata	malleefowl	VU	-29.1711	116.7898	2008
Leipoa ocellata	malleefowl	VU	-29.1711	116.7916	2008
Leipoa ocellata	malleefowl	VU	-29.1711	116.7596	2008
Leipoa ocellata	malleefowl	VU	-29.179	116.7725	2008
Leipoa ocellata	malleefowl	VU	-29.1792	116.7713	2008
Leipoa ocellata	malleefowl	VU	-29.1801	116.7561	2008

Taxon	Common Name	Conservation Status	GDA94 Lat	GDA 94 Long	Year
Leipoa ocellata	malleefowl	VU	-29.1801	116.7478	2008
Leipoa ocellata	malleefowl	VU	-29.1804	116.8271	2008
Leipoa ocellata	malleefowl	VU	-29.1864	116.7831	2008
Leipoa ocellata	malleefowl	VU	-29.1868	116.7773	2008
Leipoa ocellata	malleefowl	VU	-29.1881	116.7619	2008
Leipoa ocellata	malleefowl	VU	-29.1885	116.773	2008
Leipoa ocellata	malleefowl	VU	-29.1886	116.7644	2008
Leipoa ocellata	malleefowl	VU	-29.1987	116.746	2008
Leipoa ocellata	malleefowl	VU	-29.1987	116.7419	2008
Leipoa ocellata	malleefowl	VU	-29.1996	116.7428	2008
Leipoa ocellata	malleefowl	VU	-29.1996	116.7419	2008
Leipoa ocellata	malleefowl	VU	-29.2	116.7506	2008
Leipoa ocellata	malleefowl	VU	-29.2004	116.7443	2008
Leipoa ocellata	malleefowl	VU	-29.238	116.712	1984
Leipoa ocellata	malleefowl	VU	-29.054	117.0759	2005
Leipoa ocellata	malleefowl	VU	-29.25	117.2333	2001
Macropus irma	Western Brush Wallaby	P4	-29.1958	116.7777	2002
Pezoporus occidentalis	night parrot	CR	-29.2821	116.8848	1961

APPENDIX 5: ABORIGINAL HERITAGE INQUIRY SYSTEM SEARCH OF THE MT MULGINE PROJECT AREA (2017)



Search Criteria

No Registered Aboriginal Sites in Mining Tenement - M 59/387

Disclaimer

The *Aboriginal Heritage Act 1972* preserves all Aboriginal sites in Western Australia whether or not they are registered. Aboriginal sites exist that are not recorded on the Register of Aboriginal Sites, and some registered sites may no longer exist.

The information provided is made available in good faith and is predominately based on the information provided to the Department of Aboriginal Affairs by third parties. The information is provided solely on the basis that readers will be responsible for making their own assessment as to the accuracy of the information. If you find any errors or omissions in our records, including our maps, it would be appreciated if you email the details to the Department at heritageenquiries@daa.wa.gov.au and we will make every effort to rectify it as soon as possible.



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Terminology (NB that some terminology has varied over the life of the legislation)

Place ID/Site ID: This a unique ID assigned by the Department of Aboriginal Affairs to the place

Status:

- o **Registered Site:** The place has been assessed as meeting Section 5 of the *Aboriginal Heritage Act 1972*
- o **Other Heritage Place which includes:**
 - **Stored Data / Not a Site:** The place has been assessed as not meeting Section 5 of the *Aboriginal Heritage Act 1972*
 - **Lodged:** Information has been received in relation to the place, but an assessment has not been completed at this stage to determine if it meets Section 5 of the *Aboriginal Heritage Act 1972*

Status Reason: e.g. Exclusion - Relates to a portion of an Aboriginal site or heritage place as assessed by the Aboriginal Cultural Material Committee (ACMC). e.g. such as the land subject to a section 18 notice.

Origin Place ID: Used in conjunction with Status Reason to indicate which Registered Site this Place originates from.

Access and Restrictions:

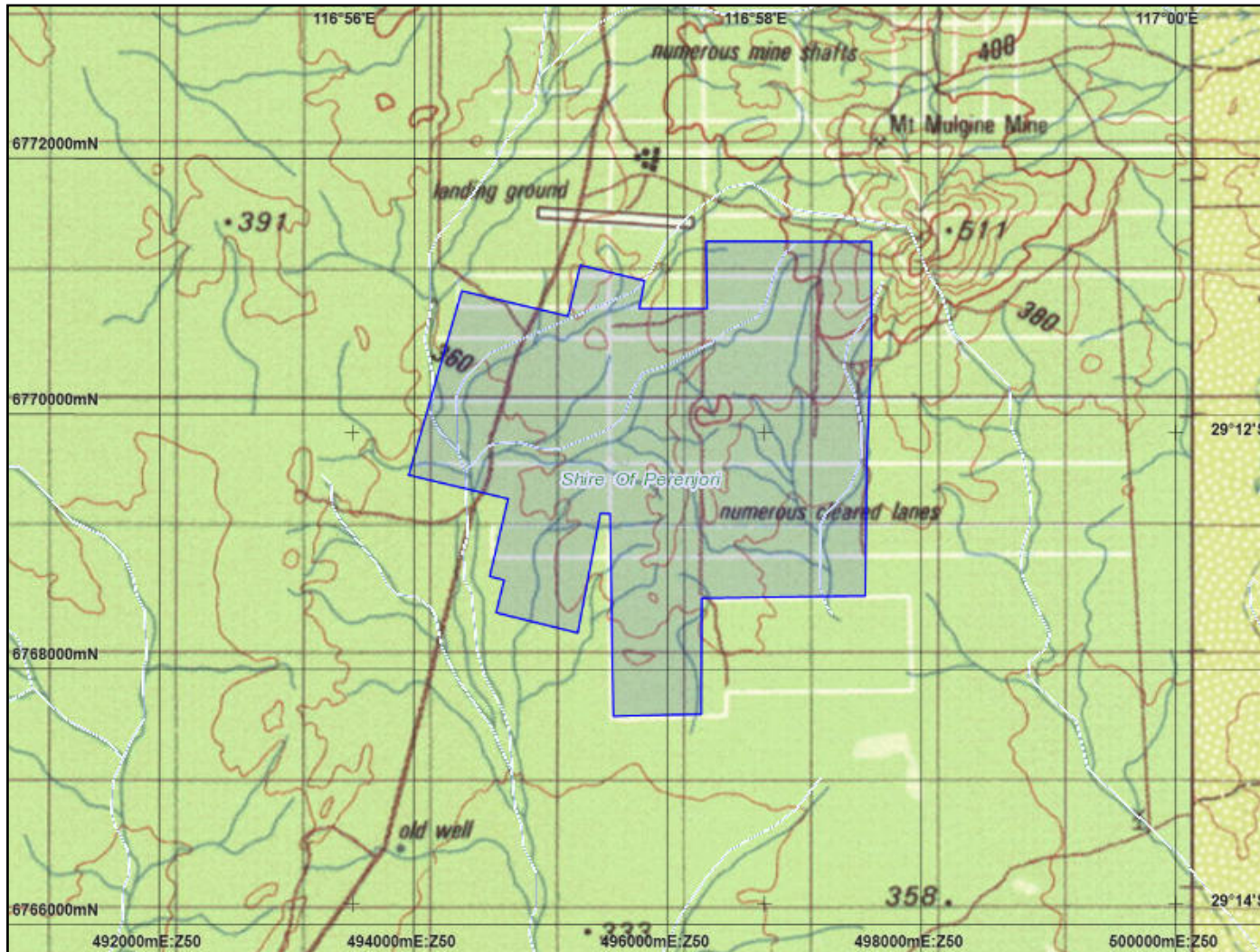
- o **File Restricted = No:** Availability of information (other than boundary) that the Department of Aboriginal Affairs holds in relation to the place is not restricted in any way.
- o **File Restricted = Yes:** Some of the information that the Department of Aboriginal Affairs holds in relation to the place is restricted if it is considered culturally sensitive. This information will only be made available if the Department of Aboriginal Affairs receives written approval from the informants who provided the information. Download the [Request to Access Restricted Information](#) letter and form.
- o **Boundary Restricted = No:** place location is shown as accurately as the information lodged with the Registrar allows.
- o **Boundary Restricted = Yes:** To preserve confidentiality the exact location and extent of the place is not displayed on the map. However, the shaded region (generally with an area of at least 4km²) provides a general indication of where the place is located. If you are a landowner and wish to find out more about the exact location of the place, please contact DAA.
- o **Restrictions:**
 - **No Restrictions:** Anyone can view the information.
 - **Male Access Only:** Only males can view restricted information.
 - **Female Access Only:** Only females can view restricted information

Legacy ID: This is the former unique number that the former Department of Aboriginal Sites assigned to the place. This has been replaced by the Place ID / Site ID.








List of Registered Aboriginal Sites with Map

No Results



Legend

Selected Heritage Sites

-  Registered Sites
-  Aboriginal Community Occupied
-  Aboriginal Community Unoccupied
-  Town
-  Search Area

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Search Criteria

2 Other Heritage Places in Mining Tenement - M 59/387

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Terminology (NB that some terminology has varied over the life of the legislation)

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 - **Lodged:** Information has been received in relation to the place, but an assessment has not been completed at this stage to determine if it meets Section 5 of the *Aboriginal Heritage Act 1972*

Status Reason: e.g. Exclusion - Relates to a portion of an Aboriginal site or heritage place as assessed by the Aboriginal Cultural Material Committee (ACMC). e.g. such as the land subject to a section 18 notice.

Origin Place ID: Used in conjunction with Status Reason to indicate which Registered Site this Place originates from.

Access and Restrictions:

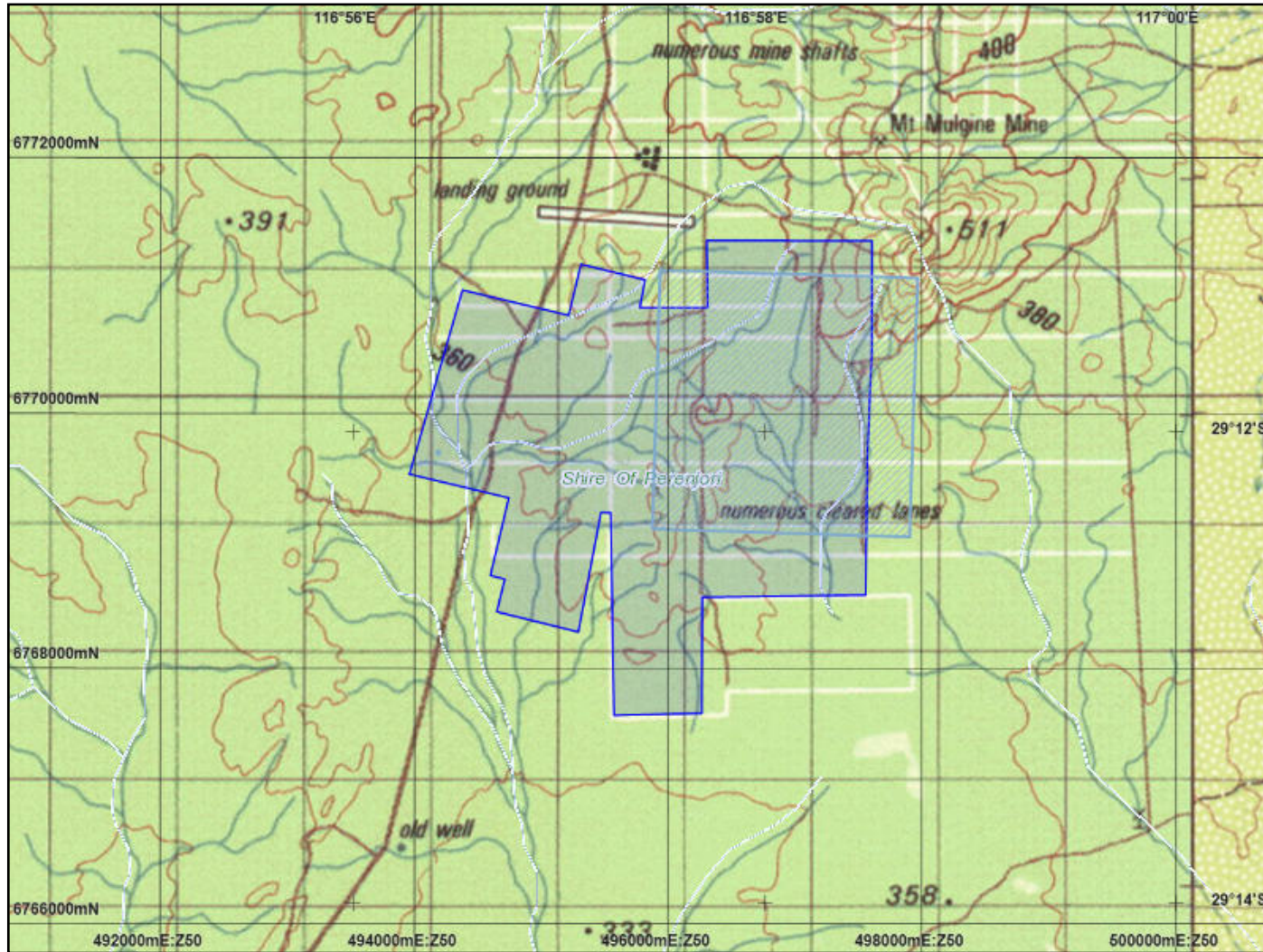
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- o **Boundary Restricted = Yes:** To preserve confidentiality the exact location and extent of the place is not displayed on the map. However, the shaded region (generally with an area of at least 4km²) provides a general indication of where the place is located. If you are a landowner and wish to find out more about the exact location of the place, please contact DAA.
- o **Restrictions:**
 - **No Restrictions:** Anyone can view the information.
 - **Male Access Only:** Only males can view restricted information.
 - **Female Access Only:** Only females can view restricted information

Legacy ID: This is the former unique number that the former Department of Aboriginal Sites assigned to the place. This has been replaced by the Place ID / Site ID.







List of Other Heritage Places with Map

ID	Place Name	File Restricted	Boundary Restricted	Restrictions	Status	Status Reason	Origin Place ID	Type	Knowledge Holders	Coordinates	Legacy ID
24588	MM01	Yes	Yes	No Gender Restrictions	Lodged			Mythological, Meeting Place	*Registered Knowledge Holder names available from DAA	Not available when location is restricted	
28131	Mt Mulgine Isolated Finds	No	No	No Gender Restrictions	Lodged			Other: 7 isolated artefacts	*Registered Knowledge Holder names available from DAA	494191mE 6769692mN Zone 50 [Reliable]	



Legend

Selected Heritage Places

-  Other Heritage Places
-  Aboriginal Community Occupied
-  Aboriginal Community Unoccupied
-  Town
-  Search Area

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Search Criteria

No Registered Aboriginal Sites in Mining Tenement - M 59/425

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- o **Registered Site:** The place has been assessed as meeting Section 5 of the *Aboriginal Heritage Act 1972*
- o **Other Heritage Place which includes:**
 - **Stored Data / Not a Site:** The place has been assessed as not meeting Section 5 of the *Aboriginal Heritage Act 1972*
 - **Lodged:** Information has been received in relation to the place, but an assessment has not been completed at this stage to determine if it meets Section 5 of the *Aboriginal Heritage Act 1972*

Status Reason: e.g. Exclusion - Relates to a portion of an Aboriginal site or heritage place as assessed by the Aboriginal Cultural Material Committee (ACMC). e.g. such as the land subject to a section 18 notice.

Origin Place ID: Used in conjunction with Status Reason to indicate which Registered Site this Place originates from.

Access and Restrictions:

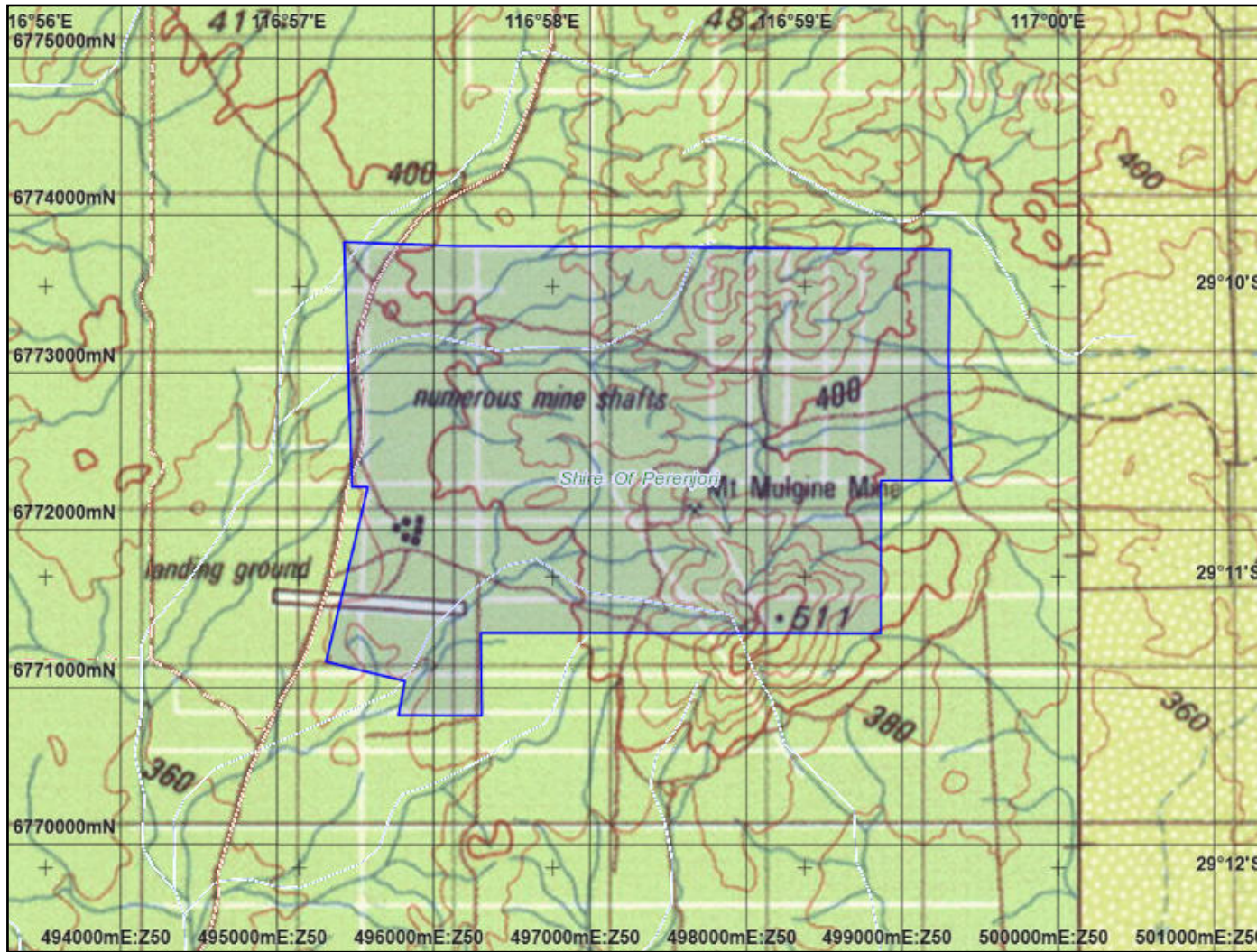
- o **File Restricted = No:** Availability of information (other than boundary) that the Department of Aboriginal Affairs holds in relation to the place is not restricted in any way.
- o **File Restricted = Yes:** Some of the information that the Department of Aboriginal Affairs holds in relation to the place is restricted if it is considered culturally sensitive. This information will only be made available if the Department of Aboriginal Affairs receives written approval from the informants who provided the information. Download the [Request to Access Restricted Information](#) letter and form.
- o **Boundary Restricted = No:** place location is shown as accurately as the information lodged with the Registrar allows.
- o **Boundary Restricted = Yes:** To preserve confidentiality the exact location and extent of the place is not displayed on the map. However, the shaded region (generally with an area of at least 4km²) provides a general indication of where the place is located. If you are a landowner and wish to find out more about the exact location of the place, please contact DAA.
- o **Restrictions:**
 - **No Restrictions:** Anyone can view the information.
 - **Male Access Only:** Only males can view restricted information.
 - **Female Access Only:** Only females can view restricted information

Legacy ID: This is the former unique number that the former Department of Aboriginal Sites assigned to the place. This has been replaced by the Place ID / Site ID.








List of Registered Aboriginal Sites with Map

No Results



Legend

Selected Heritage Sites

-  Registered Sites
-  Aboriginal Community Occupied
-  Aboriginal Community Unoccupied
-  Town
-  Search Area

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Search Criteria

2 Other Heritage Places in Mining Tenement - M 59/425

Disclaimer

The *Aboriginal Heritage Act 1972* preserves all Aboriginal sites in Western Australia whether or not they are registered. Aboriginal sites exist that are not recorded on the Register of Aboriginal Sites, and some registered sites may no longer exist.

The information provided is made available in good faith and is predominately based on the information provided to the Department of Aboriginal Affairs by third parties. The information is provided solely on the basis that readers will be responsible for making their own assessment as to the accuracy of the information. If you find any errors or omissions in our records, including our maps, it would be appreciated if you email the details to the Department at heritageenquiries@daa.wa.gov.au and we will make every effort to rectify it as soon as possible.



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Coordinate Accuracy

Accuracy is shown as a code in brackets following the coordinates. Map coordinates (Latitude/Longitude and Easting/Northing) are based on the GDA 94 Datum. The Easting/Northing map grid can be across one or more zones. The zone is indicated for each Easting on the map, i.e. '500000mE:Z50' means Easting=500000, Zone=50.

Terminology (NB that some terminology has varied over the life of the legislation)

Place ID/Site ID: This a unique ID assigned by the Department of Aboriginal Affairs to the place

Status:

- o **Registered Site:** The place has been assessed as meeting Section 5 of the *Aboriginal Heritage Act 1972*
- o **Other Heritage Place which includes:**
 - **Stored Data / Not a Site:** The place has been assessed as not meeting Section 5 of the *Aboriginal Heritage Act 1972*
 - **Lodged:** Information has been received in relation to the place, but an assessment has not been completed at this stage to determine if it meets Section 5 of the *Aboriginal Heritage Act 1972*

Status Reason: e.g. Exclusion - Relates to a portion of an Aboriginal site or heritage place as assessed by the Aboriginal Cultural Material Committee (ACMC). e.g. such as the land subject to a section 18 notice.

Origin Place ID: Used in conjunction with Status Reason to indicate which Registered Site this Place originates from.

Access and Restrictions:

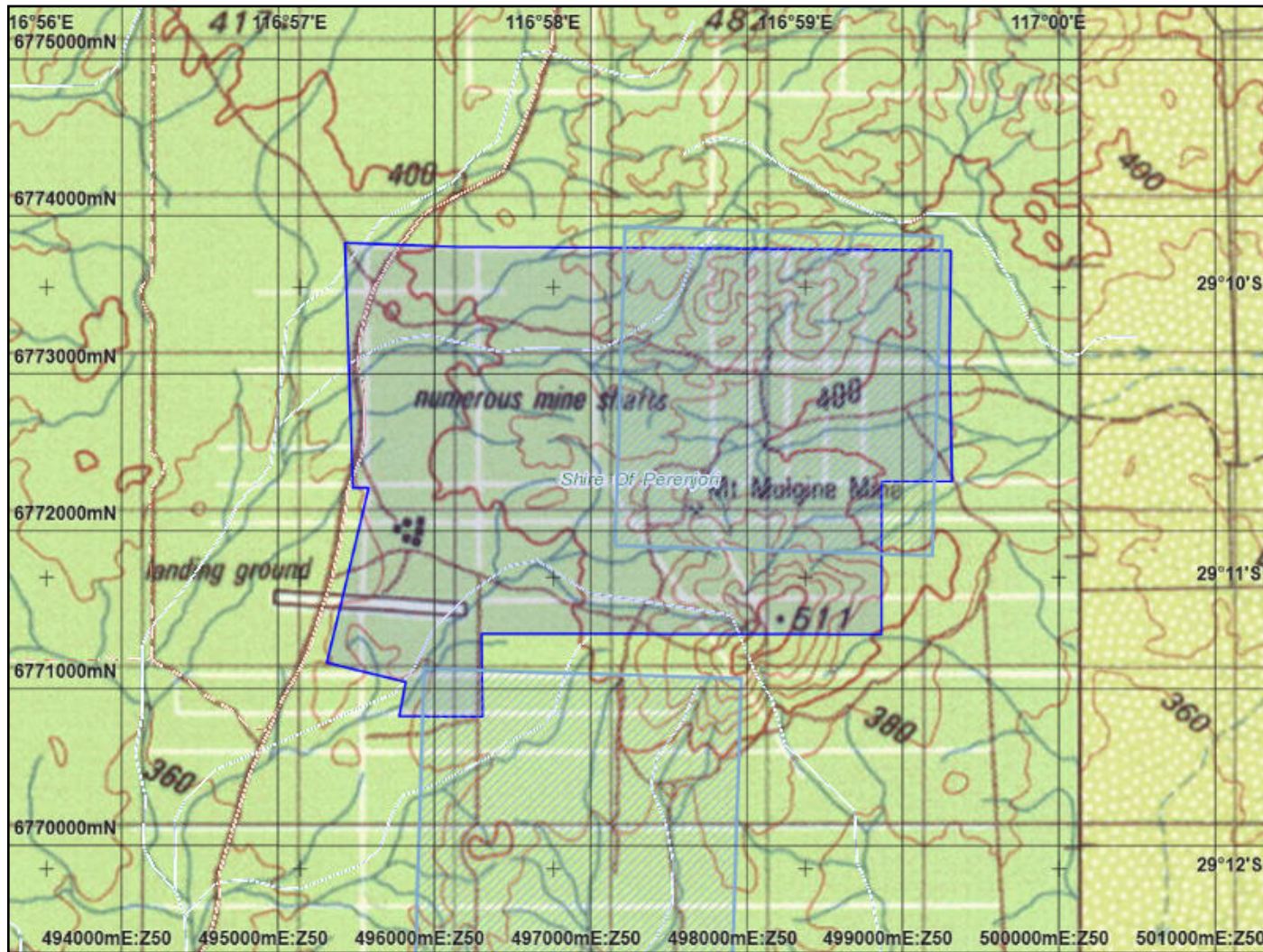
- o **File Restricted = No:** Availability of information (other than boundary) that the Department of Aboriginal Affairs holds in relation to the place is not restricted in any way.
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Legacy ID: This is the former unique number that the former Department of Aboriginal Sites assigned to the place. This has been replaced by the Place ID / Site ID.








List of Other Heritage Places with Map

ID	Place Name	File Restricted	Boundary Restricted	Restrictions	Status	Status Reason	Origin Place ID	Type	Knowledge Holders	Coordinates	Legacy ID
24588	MM01	Yes	Yes	No Gender Restrictions	Lodged			Mythological, Meeting Place	*Registered Knowledge Holder names available from DAA	Not available when location is restricted	
24589	MM02	Yes	Yes	No Gender Restrictions	Lodged			Mythological, Natural Feature, Water Source	*Registered Knowledge Holder names available from DAA	Not available when location is restricted	



Legend

Selected Heritage Places

-  Other Heritage Places
-  Aboriginal Community Occupied
-  Aboriginal Community Unoccupied
-  Town
-  Search Area

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APPENDIX 6: PROPOSED DISTURBANCE TO VEGETATION COMMUNITIES OF THE MT MULGINE PROJECT AREA

Table 1: Proposed disturbance to vegetation communities of the MMP area

Vegetation Community	Represented in the MMP Area (ha)	Occurrence within MMP Disturbance Envelope (ha)	Occurrence within MMP Disturbance Envelope (%)
<i>Eucalyptus</i> sp. A ¹ , open woodland on mixed <i>Acacia andrewsii</i> , <i>Enchylaena tomentosa</i> , <i>Maireana georgei</i> & <i>Ptilotus obovatus</i> shrubland over <i>Austrostipa variabilis</i> grassland.	81.79	28.08	34.33
<i>Ptilotus obovatus</i> & <i>Scaevola spinescens</i> shrubland over <i>Austrostipa scabra</i> grassland.	3.67	2.51	68.39
<i>Eucalyptus</i> sp. A woodland over mixed <i>Acacia</i> spp. including dominating <i>A. ramulosa</i> and <i>Eremophila</i> shrublands with <i>Eremophila clarkei</i> , <i>E. decipiens</i> and <i>E. oldfieldii</i> .	73.93	55.73	75.38
<i>Acacia ramulosa</i> and <i>A. assimilis</i> woodland over <i>A. tetragonophylla</i> , <i>Melaleuca eleuterostachya</i> , <i>M. stereophloia</i> , and <i>Allocasuarina dielsiana</i> shrubs.	116.77	25.80	22.09
Mixed shrubland of <i>Pimelea avonensis</i> , <i>Hybanthus floribundus</i> subsp. <i>curvifolius</i> , <i>Acacia acuminata</i> , <i>Eremophila granitica</i> and <i>Cryptandra imbricata</i> . <i>Acacia acuminata</i> and <i>Allocasuarina</i> not forming dominant (>25%) shrub layer.	30.38	24.44	80.44
Mixed shrublands with <i>Eremophila decipiens</i> subsp. <i>decipiens</i> , <i>Ptilotus helipteroides</i> and <i>Senna artemisioides</i> subsp. <i>filifolia</i> over <i>Eriachne pulchella</i> grassland. <i>Acacia</i> spp. not forming dominant shrubland strata.	20.97	20.97	100
<i>Allocasuarina dielsiana</i> and <i>Acacia acuminata</i> open woodland over <i>Melaleuca eleuterostachya</i> , <i>Eremophila oldfieldii</i> and <i>Thyridolepis multiculmis</i> shrubland.	6.12	2.73	44.61
<i>Acacia acuminata</i> , <i>Allocasuarina dielsiana</i> and <i>Melaleuca stereophloia</i> dominated woodlands over mixed <i>Acacia</i> spp.	8.44	7.89	93.48
<i>Acacia latior</i> dominated woodlands over <i>Gastrolobium laytonii</i> , <i>Calycopeplus paucifolius</i> and <i>Philotheca deserti</i> low open shrublands over <i>Eriachne benthamii</i> grass.	71.14	41.72	58.64
<i>Allocasuarina campestris</i> dominated woodlands over <i>Micromyrtus</i> sp. A, <i>Cryptandra</i> sp. and <i>Calycopeplus paucifolius</i> low open shrubland over <i>Eriachne pulchella</i> low open grassland.	52.81	6.09	11.53
Total	466.02	215.96	46.34

¹ Formal identification to be confirmed